

IN THE CLAIMS:

1. (Currently Amended) A process for making artificial rocks for use, in particular, in aquariums, tanks, swimming pools and the like, that comprises the following operating steps:

a. carrying out a first deposition of a mixture of powdered aggregates, resin, additives, within a cast or mould mold;

5 b. catalyzing the mixture of said first deposition;

c. covering the a surface thus obtained by step b with isophthalic or bisphenolic polyester resin;

d. carrying out on the surface obtained by step b a second deposition of powdered aggregates, resin[.] and additives;

10 e. covering the a surface derived from the second deposition with a layer of structural component and with resin;

f. polymerizing the an intermediate product thus obtained by step c;

g. covering the a surface thus obtained by step f with a layer of gel;

h. polymerizing the a product thus obtained by step g;

15 i. removing the a product obtained by step h from the mould cast or mold;

j. subjecting the product obtained by step h to a heating treatment.

2. (Currently Amended) Process according to claim 1, wherein the step [[“]]a [[”]] is carried out by means of a cast in silicone of a rock to be reproduced by the construction of a reinforced resin mould.

3. (Currently Amended) Process according to claim 1, wherein the deposition of steps [[“]]a[[“]] and/or [[“]]d[[“]] consists of a layer of mixture whose thickness ranges from ~~0/5~~ 0.5 to 10 cm.

4. (Original) Process according to claim 3, wherein the layer of mixture has a thickness between 3 and 4 cm.

5. (Currently Amended) Process according to claim 1, characterized in that the aggregates used for the mixture of the steps [[“]]a[[“]] and/or [[“]]d[[“]] have a variable granulometry and a diameter less than 5 mm and greater than 0mm.

6. (Currently Amended) Process according to claim 5, wherein the granulometry of the aggregates is variable and their diameter is less than 2 mm and greater than 0mm.

7. (Currently Amended) Process according to claim 1, wherein the resin used in the steps [[“]]a[[“]] and/or [[“]]d[[“]] is an isophthalic or bisphenolic polyester resin.

8. (Currently Amended) Process according to claim 1, wherein on performing the steps [[“]]a[[“]] and/or [[“]]d[[“]] ~~there are used the following~~ additives: a thickener, structural glass fibers, various aggregates.

9. (Currently Amended) Process according to claim 1, wherein for the on performing step [“]c[“] there are used two successive layers of glass fiber and resin are used.

10. (Currently Amended) Process according to claim 1, wherein the step [“]g[“] provides a covering with a first layer of white gel-coat and second layer of paraffined black gel-coat.

11. (Currently Amended) Process according to claim 1, wherein the step [“]j[“] provided for a treatment in oven for a time of about five hours, three of which at 100 °C.

12. (Currently Amended) Process according to claim 1, wherein the product obtained by step j is washed after the step [“]j[“] with water at about 100 °C and/or with steam.

13 - 20 (Canceled)

21. (New) A process for making artificial rocks, the process comprising the steps of in a first deposition step, depositing a mixture of powdered aggregates, resin and additives within a mold;

catalyzing the mixture deposited in the mold;

5 in a first covering step, covering a surface obtained by catalyzing with isophthalic or bisphenolic polyester resin;

in a second deposition step, depositing powdered aggregates, resin and additives on a surface obtained in said first covering step;

10 in a second covering step, covering a surface obtained by said second deposition step with a layer of structural component and with resin;

in a first polymerizing step, polymerizing an intermediate product obtained from said second covering step;

in a third covering step, covering a surface obtained by said first polymerizing step with a layer of gel;

15 in a second polymerizing step, polymerizing a product obtained from said third covering step;

removing a product obtained by said second polymerizing step from the mold; and heating the removed product.